

CLAIMS

[1] A mobile terminal device comprising:

a broadcast reception unit operable to receive a television broadcast signal;

5 a display unit operable to display video;

an audio reproduction unit operable to reproduce audio; and

10 a control unit operable, when an event occurs while the received television broadcast is being outputted by said display unit and said audio reproduction unit, to control at least one of a displaying of video of the television broadcast by said display unit, a reproduction of audio of the television broadcast by said audio reproduction unit, and the event.

[2] The mobile terminal device according to Claim 1, further

15 comprising

a transmission/reception unit operable to transmit and receive an email,

wherein the event is a reception of the email, and

20 said control unit is operable, when the email is received, to control the displaying of the video, the reproduction of the audio, and a processing of the email.

[3] The mobile terminal device according to Claim 2, further comprising:

25 a storage unit operable to record the received television broadcast; and

a recording control unit operable to control the recording of the television broadcast into said storage unit,

30 wherein when the email is received, said control unit is operable to instruct said recording control unit to record the television broadcast and to have said display unit display the email.

[4] The mobile terminal device according to Claim 3,
wherein even after having said display unit display the email,
said control unit is operable to have said audio reproduction unit
reproduce the audio of the received television broadcast.

5 [5] The mobile terminal device according to Claim 3 or 4, further
comprising

an operation reception unit operable to receive an operation
from a user,

10 wherein when the email is received, said control unit is
operable:

to inquire of the user whether or not to display the email
before giving the recording instruction to said recording control unit
and having the email displayed; and

15 to control a processing of the television broadcast and the
processing of the email on the basis of an answer received by said
operation reception unit from the user in response to the inquiry.

[6] The mobile terminal device according to Claim 5,
20 wherein when the answer is to display the email, said control
unit is operable to instruct said recording control unit to record the
television broadcast and operable to have the email displayed.

[7] The mobile terminal device according to Claim 3 or 6, further
25 comprising

a reproduction control unit operable to reproduce the
recorded television broadcast,

wherein when the displaying of the email is terminated, said
control unit is operable to instruct said reproduction control unit to
30 reproduce the recorded television broadcast.

[8] The mobile terminal device according to Claim 3 or 6,

wherein when the displaying of the email is terminated, said control unit is operable to notify the user that the television broadcast aired during the displaying of the email has been recorded.

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[9] The mobile terminal device according to Claim 3 or 6,
wherein when the displaying of the email is terminated, said control unit is operable to inquire of the user whether or not to reproduce the television broadcast having been recorded during the
10 displaying of the email.

[10] The mobile terminal device according to Claim 2,
wherein when the email is received, said control unit is
15 operable to have said display unit display the email, and to have said audio reproduction unit reproduce the audio of the received television broadcast even after having the display unit display the
email.

[11] The mobile terminal device according to Claim 2, further
20 comprising

an output control unit operable to split a screen area of said display unit and to display the television broadcast and the email respectively on split areas,

25 wherein when the email is received, said control unit is operable to instruct said output control unit to display the television broadcast and the email respectively on the split areas.

[12] The mobile terminal device according to Claim 2, further comprising:

30 a second display unit operable to display; and
an output control unit operable to have the television broadcast and the email displayed respectively on said display unit

and said second display unit,

wherein when the email is received, said control unit is operable to instruct said output control unit to display the television broadcast and the email.

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[13] The mobile terminal device according to Claim 2, further comprising

an output control unit operable to display the email by overlaying the displaying of the email on the video of the television broadcast currently being displayed on the display unit,

wherein when the email is received, said control unit is operable to instruct said output control unit to display the email by overlaying the displaying of the email on the video of the television broadcast.

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[14] The mobile terminal device according to one of Claims 11 to 13, further comprising

an operation reception unit operable to receive an operation from the user,

20 wherein when the email is received, said control unit is operable:

to inquire of the user whether or not to display the email before giving the displaying instruction to said output control unit and

25 to control the displaying of the television broadcast and the displaying of the email on the basis of an answer received by said operation reception unit from the user in response to the inquiry.

[15] The mobile terminal device according to Claim 1, further comprising

30 a transmission/reception unit operable to transmit and receive a phone call,

wherein the event is a reception of the phone call, and said control unit is operable, when the phone call is received, to control the displaying of the video, the reproduction of the audio, and a processing of the phone call.

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[16] The mobile terminal device according to Claim 15, wherein when the phone call is received, said control unit is operable to have a call-answering machine pick up the phone call.

10 [17] The mobile terminal device according to Claim 15, comprising an operation reception unit operable to receive an operation from the user,

wherein when the phone call is received, said control unit is operable:

15 to inquire of the user whether or not to pick up the phone call; and

to control a processing of the television broadcast and the processing of the phone call on the basis of an answer received by said operation reception unit from the user in response to the 20 inquiry.

[18] The mobile terminal device according to Claim 17, wherein when the answer is not to pick up the phone call, said control unit is operable to have a call-answering machine pick up the 25 phone call.

[19] The mobile terminal device according to Claim 17, further comprising:

30 a storage unit operable to record the received television broadcast; and

a recording control unit operable to control the recording of the television broadcast into said storage unit,

wherein when the answer is to pick up the phone call, said control unit is operable to instruct said recording control unit to record the television broadcast and operable to perform a phone conversation processing.

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[20] The mobile terminal device according to Claim 19, further comprising

a reproduction control unit operable to reproduce the recorded television broadcast,

10 wherein when the phone call is finished, said control unit is operable to instruct said reproduction control unit to reproduce the recorded television broadcast.

[21] The mobile terminal device according to Claim 19,

15 wherein when the phone call is finished, said control unit is operable to notify the user that the television broadcast aired during the phone call has been recorded.

[22] The mobile terminal device according to Claim 19,

20 wherein when the phone call is finished, said control unit is operable to inquire of the user whether or not to reproduce the television broadcast having been recorded during the phone call.

[23] The mobile terminal device according to Claim 17,

25 wherein when the answer is to pick up the phone call, said control unit is operable to display the video of the received television broadcast and to perform a phone conversation processing.

[24] The mobile terminal device according to Claim 23,

30 wherein when the answer is to pick up the phone call, said control unit is operable to display the video of the received television broadcast, to perform the phone conversation processing, and to

reproduce a mixture of the audio of the television broadcast and audio of the phone call.

[25] The mobile terminal device according to Claim 23, further
5 comprising:

a second audio reproduction unit operable to reproduce audio; and

an output control unit operable to have said audio reproduction unit and said second audio reproduction unit 10 respectively reproduce the audio of the television broadcast and the audio of the phone call,

wherein when the answer is to pick up the phone call, said control unit is operable to have the video of the received television broadcast displayed, to perform the phone conversation processing, 15 and to instruct said output control unit to reproduce the audio of the television broadcast and the audio of the phone call.

[26] The mobile terminal device according to Claim 17,
wherein the phone call is a phone call accompanied by video,

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said mobile terminal device further comprises:

an output control unit operable to split a screen area of said display unit and to display the television broadcast and the video respectively on split areas; and

25 said control unit is operable, when the answer is to pick up the phone call, to instruct said output control unit to display the television broadcast and the video respectively on the split areas.

[27] The mobile terminal device according to Claim 17,
30 wherein the phone call is a phone call accompanied by video,
said mobile terminal device further comprises:
a second display unit operable to display; and

an output control unit operable to display the television broadcast and the video respectively on said display unit and said second display unit, and

5 said control unit is operable, when the answer is to pick up the phone call, to instruct said output control unit to display the television broadcast and the video.

10 [28] The mobile terminal device according to Claim 1, having a first main body unit and a second main body unit which are connected via a connection unit to be able to overlap each other, and further comprising:

a storage unit operable to record the received television broadcast;

15 a recording control unit operable to control the recording of the television broadcast into said storage unit; and

an open/close detection unit operable to detect whether said first main body unit and said second main body unit overlap each other or are opened,

20 wherein the event is the overlapping of said first main body unit and said second main body unit, and

said control unit is operable, when said open/close detection unit detects the overlapping of said first main body unit and said second main body unit, to instruct said recording control unit to record the television broadcast.

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[29] The mobile terminal device according to Claim 28, further comprising

a reproduction control unit operable to reproduce the recorded television broadcast,

30 wherein when said open/close detection unit detects that said first main body unit and said second main body unit are opened from a state of the overlapping, said control unit is operable to instruct

said recording control unit to record the television broadcast.

[30] The mobile terminal device according to Claim 28,

wherein when said open/close detection unit detects that said

5 first main body unit and said second main body unit are reopened from a state of the overlapping, said control unit is operable to notify the user that the television broadcast has been recorded during a period of time from the overlapping to the reopening.

10 [31] The mobile terminal device according to Claim 28,
wherein when said open/close detection unit detects that said
first main body unit and said second main body unit are reopened
from a state of the overlapping, said control unit is operable to
inquire of the user whether or not to reproduce the television
15 broadcast having been recorded during a period of time from the
overlapping to the reopening.

[32] The mobile terminal device according to Claim 1, having a
first main body unit and a second main body unit which are
20 connected via a connection unit to be able to overlap each other, and
further comprising

an open/close detection unit operable to detect whether said
first main body unit and said second main body unit overlap each
other or are opened,

25 wherein the event is the overlapping of said first main body
unit and said second main body unit, and

30 said control unit is operable, when said open/close detection
unit detects the overlapping of said first main body unit and said
second main body unit, to control the reception and the displaying of
the television broadcast.

[33] The mobile terminal device according to Claim 1,

wherein when said open/close detection unit detects the overlapping of said first main body unit and said second main body unit, said control unit is operable to stop the displaying of the television broadcast.

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[34] The mobile terminal device according to Claim 1,
wherein when said open/close detection unit detects the overlapping of said first main body unit and said second main body unit, said control unit is operable to stop the reception of the
10 television broadcast.

[35] The mobile terminal device according to Claim 1, having a first main body unit and a second main body unit which are connected via a connection unit to be able to overlap each other, and
15 further comprising

an open/close detection unit operable to detect whether said first main body unit and said second main body unit overlap each other or are opened,

20 wherein the event is the overlapping of said first main body unit and said second main body unit, and

25 said control unit is operable, when said open/close detection unit detects the overlapping of said first main body unit and said second main body unit, to instruct a separate device to record the television broadcast.

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[36] The mobile terminal device according to Claim 35, further comprising:

a storage unit operable to record the received television broadcast; and

30 a recording control unit operable to control the recording of the television broadcast into the storage unit,

wherein in addition to giving the recording instruction to the

separate device, said control unit is operable to instruct said recording control unit to record the television broadcast, and to instruct said recording control unit to terminate the recording of the television broadcast in accordance with a notification from the 5 separate device that the recording has been started.

[37] The mobile terminal device according to Claim 35, wherein when receiving a notification from the separate device that the recording has been terminated, said control unit is 10 operable to notify the user that the television broadcast has been recorded by the separate device.

[38] The mobile terminal device according to Claim 1, further comprising
15 an operation reception unit operable to receive an operation from the user,
wherein the event is a reception of a predetermined operation by said operation reception unit, and
said control unit is operable, when said operation reception 20 unit receives the predetermined operation, to stop the displaying of the video, the reproduction of the audio, or the reception of the television broadcast.

[39] The mobile terminal device according to Claim 38,
25 wherein after a predetermined period of time has elapsed since the predetermined operation was received, said control unit is operable to notify the user that the predetermined period of time has elapsed.

30 [40] The mobile terminal device according to Claim 39,
wherein said control unit is operable to notify the user that the predetermined period of time has elapsed, by a vibration, a

sound, a light emission, or a displayed indication.

[41] The mobile terminal device according to one of Claims 38 to 40,

5 wherein when the predetermined operation is received while the displaying or the reception of the television broadcast is stopped, said control unit is operable to resume the displaying of the video, the reproduction of the audio, or the reception of the television broadcast.

10 [42] The mobile terminal device according to Claim 38,

wherein after a predetermined period of time has elapsed since the predetermined operation was received, said control unit is operable to resume the displaying of the video, the reproduction of 15 the audio, or the reception of the television broadcast.

[43] The mobile terminal device according to Claim 1, further comprising

a commercial detection unit operable to detect a commercial,

20 wherein the event is a detection of the commercial by said commercial detection unit, and

25 said control unit is operable, when said commercial detection unit detects the commercial, to stop the displaying of the video or the reproduction of the audio.

[44] The mobile terminal device according to Claim 43,

wherein when said commercial detection unit detects an end 30 of the commercial, said control unit is operable to resume the displaying of the video or the reproduction of the audio that was stopped.

[45] A control method used by a mobile terminal device which

reproduces a television broadcast signal, said control method comprising:

 a broadcast reception step of receiving a television broadcast signal;

5 a display step of displaying video;

 an audio reproduction step of reproducing audio; and

 a control step of, when an event occurs while the received television broadcast is being outputted in said display step and said audio reproduction step, controlling at least one of a displaying of 10 video of the television broadcast in said display step, a reproduction of audio of the television broadcast in said audio reproduction step, and the event.

[46] A program for controlling a mobile terminal device which reproduces a television broadcast signal, said program causing a 15 computer to execute:

 a broadcast reception step of receiving a television broadcast signal;

 a display step of displaying video;

20 an audio reproduction step of reproducing audio; and

 a control step of, when an event occurs while the received television broadcast is being outputted in said display step and said audio reproduction step, controlling at least one of a displaying of 25 video of the television broadcast in said display step, a reproduction of audio of the television broadcast in said audio reproduction step, and the event.

[47] An integrated circuit for controlling a mobile terminal device which reproduces a television broadcast signal, said integrated 30 circuit comprising:

 a broadcast reception unit operable to receive a television broadcast signal; and

a control unit operable, when an event occurs while the received television broadcast is being outputted, to control at least one of a displaying of video of the television broadcast, a reproduction of audio of the television broadcast, and the event.